HP 8/20q and SN6000 Fibre Channel Switch Command Line Interface
Quick Reference Guide

5697-1324

Conventions

The command syntax is presented in the following format:

```
command
    operand
    operand [value]
    operand [value1] [value2]
```

The command is followed by one or more operands. Consider the following rules and conventions:

- Commands and operands are case insensitive.
- Required operands and values appear in monospace font: `operand [value]`. Optional operands and values are shown in monospace italics: `operand [value]`.

Underlined portions of the operand in the command format indicate the abbreviated form that can be used. For example, the `delete` operand can be abbreviated `del`.

Commands

```
admin
    start (or begin)
    end (or stop)
    cancel

alias
    add [alias] [member_list]
    copy [alias_source]
    [alias_destination]
    create [alias]
    delete [alias]
    list
    members [alias]
    remove [alias] [member_list]
    rename [alias_old] [alias_new]

callhome
    cancel
    changeover
    clear
    edit
    history
    list profile [profile]
    queue [option]
    save
    test profile [profile]
```

```
capture
    add
    edit
    remove

clone config port
    [source_port_number] [port_list]

config
    activate [config_name]
    backup export
    cancel
    copy [config_source]
    [config_destination]
    delete [config_name]
    edit [config_name]
    export
    import
    list
    restore import
    save [config_name]

create
    certificate
    support

date [MMDDhhmmCCYY]

exit

fcping destination [address]
    count [number]
    timeout [seconds]

fctrace [port_source]
[port_destination] [hop_count]

feature
    add [license_key]
    log

firmware install

group
    add [group]
    copy [group_source]
    [group_destination]
    create [group] [type]
    delete [group]
    edit [group] [member]
    list
    members [group]
    remove [group] [member_list]
    rename [group_old] [group_new]
    securitysets [group]
    type [group]

hardreset

help [command] [operand]

history

hotreset
```

```
ike list
    active
    configured
    edited
    peer [option]
    policy [option]

ike peer
    copy [peer_source]
    [peer_destination]
    create [peer]
    delete [peer]
    edit [peer]
    list [option]
    rename [peer_old] [peer_new]

ike policy
    copy [policy_source]
    [policy_destination]
    create [policy]
    delete [policy]
    edit [policy]
    list [option]
    rename [policy_old] [policy_new]

image
    cleanup
    fetch [account_name] [ip_address]
    [file_source] [file_destination]
    install
    list
    tftp [ip_address] [file_source]
    [file_destination]
    unpack [file]

ipsec
    cancel
    clear
    edit
    history
    limits
    save

ipsec association
    copy [association_source]
    [association_destination]
    create [association]
    delete [association]
    edit [association]
    list [association]
    rename [association_old]
    [association_new]

ipsec list
    active
    association [option]
    configured
    edited
    policy [option]
```

```
ipsec policy                          securityset
    copy [policy_source]                  activate [security_set]
    [policy_destination]                  active
    create [policy]                       add [security_set] [group_list]
    delete [policy]                       copy [security_set_src]
    edit [policy]                         [security_set_dest]
    list [option]                         create [security_set]
    rename [policy_old] [policy_new]      deactivate
                                          delete [security_set]
lip [port_number]                         groups [security_set]
                                          list
logout                                    remove [security_set] [group]
                                          rename [security_set_old]
passwd [account_name]                     [security_set_new]

ping                                  set alarm [option]
    [host_name]
    -ipv4 [host_address]              set beacon [state]
    -ipv6 [host_address]
                                      set config port [port_number]
profile
    copy [profile_source]             set config ports [port_number]
    [profile_destination]
    create [profile]                  set config security
    delete [profile]
    edit [profile]                    set config security portbinding
    rename [profile_old] [profile_new]    [port_number]

ps                                    set config switch

quit                                  set config threshold

reset                                 set config zoning
    callhome
    config [config_name]              set log
    factory                               archive
    ipsec                                 clear
    port [port_list]                      component [filter_list]
    radius                                display [filter]
    security                              level [filter]
    services                              port [port_list]
    snmp                                  restore
    switch (default)                      save
    system                                start (default)
    zoning                                stop

security                              set pagebreak [state]
    active
    cancel                            set port clear
    clear
    edit                              set port [port_number]
    history                               clear
    limits                                license [destination]
    list                                  speed [transmission_speed]
    restore                               state [state]
    save
                                      set setup callhome

                                      set setup radius
                                          common
                                          server [server_number]

                                      set setup services
```

```
set setup snmp
    common
    trap [trap_number]

set setup system
    dns
    ipv4
    ipv6
    logging
    ntp
    timers

set switch state [state]

set timezone

show about

show alarm settings

show broadcast

show chassis

show config port [port_number]

show config security

show config security portbinding
[port_number]

show config switch

show config threshold

show config zoning

show domains

show donor

show env

show fabric brief

show fdmi [port_wwn]

show interface

show log
    [number_of_events]
    component
    display [filter]
    level
    options
    port
    settings

show lsdb

show media
    [port_number]
    all
    installed
```

```
show mem [count]

show ns [option]

show pagebreak

show perf [port_list]

show perf
    byte [port_list]
    inbyte [port_list]
    outbyte [port_list]
    frame [port_list]
    inframe [port_list]
    outframe [port_list]
    errors [port_list]

show port

show post log

show setup callhome

show setup mfg

show setup radius
    common
    server [server_number]

show setup services

show setup snmp
    common
    trap [trap_number]

show setup system
    dns
    ipv4
    ipv6
    logging
    ntp
    timers

show steering [domain_id]

show switch

show system

show temp

show testlog

show timezone

show topology [port_number]

show users brief

show version

show voltage

shutdown
```

```
snmpv3user                                        zoning clear
    add
    delete [account]                              zoning configured
    edit
    list                                          zoning delete orphans

test cancel                                       zoning edit [database]
    port [port_number]
                                                  zoning edited
test port [port_number]
    offline [loopback_type]                       zoning history
    online
                                                  zoning limits brief
test status
    port [port_number]                            zoning list
    switch
                                                  zoning merged capture
test switch
    connectivity [loopback_type]                  zoning restore
    offline [loopback_type]
    online                                        zoning save

uptime

user
    accounts
    add
    delete [account_name]
    edit
    list

whoami

zone
    add [zone] [member_list]
    copy [zone_source]
    [zone_destination]
    create [zone]
    delete [zone]
    list
    members [zone]
    orphans
    remove [zone] [member_list]
    rename [zone_old [zone_new]
    zonesets [zone]

zoneset
    activate [zone_set]
    active
    add [zone_set] [zone_list]
    copy [zone_set_source]
    [zone_set_destination]
    create [zone_set]
    deactivate
    delete [zone_set]
    list
    remove [zone_set] [zone_list]
    rename [zone_set_old]
    [zone_set_new]
    zones [zone_set]

zoning active capture

zoning cancel
```